

## Patent Abstracts of Japan

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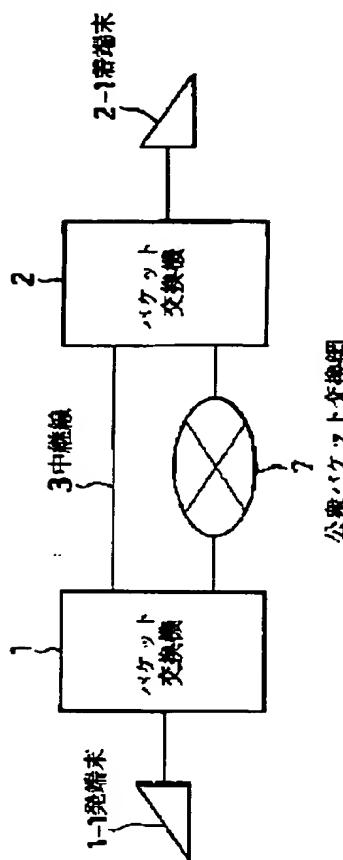
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TITLE : BACKUP SYSTEM FOR RELAY LINE



ABSTRACT : PURPOSE: To back up a relay line by utilizing a public packet exchange network with respect to the backup system when an inter-node relay line is faulty in a private packet exchange network.

CONSTITUTION: When a call between nodes is set up in a private packet exchange network and an opportunity of bypassing takes place in a relay line 3, a packet exchange 1 being a caller terminal equipment accommodation node converts a called terminal equipment number specific to the private packet exchange network in a CR packet from the caller terminal equipment into an exchange network subscriber number of a public packet of a packet exchange 2 being a called terminal equipment accommodation node and sends the converted packet to a public packet exchange network 7. The communication with the called terminal equipment is continued by using the public packet exchange network 7 for the relay line so as to set up the call between the nodes in this way.

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